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TRANSMISSION ON SEPTEMBER 7, 2004 TO  
FACSIMILE #703-872 9306, FOR EXAMINER  
FRED G. PRINCE, TELEPHONE 571 272 1165  
ART UNIT 1724  
fax of 15 pages**

Our Ref. No. P-1534-011

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****In Re Application of:  
CULLINAN**

Date: September 7, 2004

**Serial No. 09/041,685**

Group Art Unit: 1724

**Filed: March 13, 1998**

Examiner: Fred G. Prince

**For: A VERTICAL VORTEX OR  
LAMINAR FLOW INTERACTIVE  
BIO MEDIA WATER TREATMENT  
DEVICE or in the alternative A BIO-  
REACTIVE GREASE AND OIL  
SEPARATOR****AMENDMENT AND RESPONSE****Hon. Commissioner of Patents and Trademarks  
Washington, D.C. 20231****Dear Commissioner:**

In response to the communication from the Examiner dated June 4, 2004, please  
consider the following:

**I. INTRODUCTORY COMMENTS****Response is Timely Filed**

The applicant respectfully observes that this response is timely filed. The  
Examiner's Action was June 4, 2004. September 4 fell on a Saturday and September 6

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filing, Application No. 09/041,685 on  
September 7, 2004 by Floyd E. Ivey in response  
to Office Action of June 4, 2004.

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1 was Labor Day. Hence the next business day was Tuesday, September 7, 2004.  
2 However, the Examiner is hereby authorized to deduct fees otherwise owing from the  
3 deposit account of Liebler, Ivey & Connor, P.S./Floyd E. Ivey, 35,552, Deposit account  
4 No. 50-0607.

5 **Form of Amendments**

6 The amendments and substitution pages are submitted in the new format. Hence,  
7 for each amendment to each distinct section of the application, a separate sheet will be  
8 employed per the new format. Separate sheets will be commenced for a.) Introductory  
9 Comments; b.) Amendments to the Specification; c.) Amendments to the Claims; and d.)  
10 Remarks. It is observed that for claims, all claims will be displayed where any  
11 amendment is made to any claim. Amendments to claims shall be shown by strike  
12 through for deletions and underlining for additions. Amendments to the specification will  
13 be by strikeout and underlining. No separate "clean" version is provided for either  
14 amendments to claims or specification.

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16 **Informal Interview**

17  
18 Your applicant submitted an Unofficial For Discussion only draft Response and  
19 has discussed Applicant's Proposed Responses to the Examiner's Objections and  
20 Rejections. Your applicant respectfully expresses appreciation to the Examiner for the  
21 thoughtful consideration given to the proposals made relative to the Objections and  
22 Rejections.

23 The Examiner advises that the Examiner's objection to the Specification remains  
24 that the phrase "an adhesive or a mechanical fixing means between the vane tip (98) and  
25 the groove (150)" at pages 11, 12, 16 and 17 is added matter. Your applicant observes  
26

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1 that those of ordinary skills in these related arts will appreciate that an adhesive or  
2 mechanical fixing means will be used in the ordinary course. The Specification has been  
3 amended to strike the indicated phrases from pages 11, 12, 16 and 17.

4  
5  
6 **Status of Drawings -Amendment of Drawings**

7 The Examiner has stated, at page 2, paragraph 2, that the drawings are sufficient  
8 for examination purposes. The Examiner has stated that allowable subject matter is  
9 indicated. Your applicant will submit the informal drawings for preparation in final  
10 format following advice of the allowance of claims.

11  
12 **Status of Claims**

13 Claims 30-42 are pending. Claims 30-42 are rejected.

14 **Response to Office Action of June 4, 2004**

15 Your applicant now responds to the Office Action of June 4, 2004.  
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